AUTO-REBUILD USING FLASH MEMORY FOR A PROCESS BASED SECURITY SYSTEM

ABSTRACT OF THE DISCLOSURE

The disclosed system and method provides an auto-rebuild feature in a digital device including a first memory device and a second memory device. When the digital device is initialized, the digital device checks the first memory device to determine if the first memory device includes a first boot sequence. If the first boot sequence is present, the digital device is booted using the first boot sequence on the first memory device. If the boot sequence is not present, the digital device reads a second boot sequence from the second memory device. The digital device then boots using the second boot sequence. The booting process of the second boot sequence reformats the first memory device, reads software from the second memory device and stores the software on the first memory device.